

Title (en)

APPARATUS FOR DETECTING FAILURE OF AN ANTENNA AMPLIFIER UNIT WITH A HOT STANDBY REDUNDANCY.

Title (de)

GERÄT ZUR FEHLERDETEKTION EINES ANTENNENVERSTÄRKERS MIT MITLAUFENDER RESERVEREDUNDANZ.

Title (fr)

APPAREIL PERMETTANT DE DETECTER LA PANNE D'UN AMPLIFICATEUR D'ANTENNE AVEC REDONDANCE DE SECOURS AUTOMATIQUE.

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Application

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Abstract (en)

[origin: WO9119348A1] The invention relates to an apparatus for detecting failure of an antenna amplifier unit (1), replicated on the hot standby principle, in a receiving unit (2) positioned apart from an antenna (3), the receiving unit comprising power supply means (20) for supplying operating voltage to the antenna amplifier unit through an antenna cable (4). To transmit information on the failure of the amplifier to the receiving unit, the apparatus of the invention is characterized in that the antenna amplifier unit (1) comprises control means (10) responsive to a failure of an amplifier for disconnecting an amplifier (LNA1, LNA2) from the supply of operating voltage, and that the power supply means (20) are capable of detecting a change in power consumption resulting from the disconnection of the amplifier from the supply of operating voltage and thereby the failure of the amplifier (LNA1, LNA2).

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